

PATENT

Docket No.: 15275/8611 (Dobbins 2-1)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Reissue Application No.: 08/833,620 )  
)  
Filed: April 7, 1997 )  
)  
U.S. Patent No.: 5,043,002 )  
)  
Granted: August 27, 1991 )  
)  
Patentees: Michael S. Dobbins )  
Robert E. McLay )  
)  
For: METHOD OF MAKING FUSED SILICA BY )  
DECOMPOSING SILOXANES )

Examiner:  
J. HoffmanArt Unit:  
1731RECEIVED  
MAY 21 2001  
TC 1700 MAIL ROOMAssistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith is an amendment (7 pages) in the above-identified application.  
Also enclosed are:

- ☒ A Request for One-Month Extension of Time.  
☒ A self-addressed, prepaid postcard for acknowledging receipt.  
☒ The fee has been calculated as shown below:

	(Col. 1)		(Col. 2)	(Col. 3)	a) SMALL ENTITY b) LARGE ENTITY	
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADD'L FEE
TOTAL	24	MINUS	20	4	a) \$ 9= b) \$18	\$72
INDEP	7	MINUS	7	0	a) \$40= b) \$80	\$0
[ ] FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM					See fee Schedule	\$110
[X] Extension of Time Fee (1 Months)						
TOTAL						\$182

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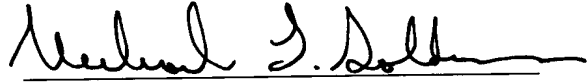
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☒ A check for \$182.00 is enclosed to cover the above fees.

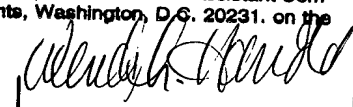
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**A duplicate copy of this sheet is enclosed.**

Date: May 10, 2001

  
Michael L. Goldman  
Registration No. 30,727

NIXON PEABODY LLP  
Clinton Square, P.O. Box 31051  
Rochester, New York 14603  
Telephone: (716) 263-1304  
Facsimile: (716) 263-1600

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231. on the date below.	
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Art Unit:  
1731

TC-700 MAIL ROOM

MAY 21 2001

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5-23-01

AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In response to the January 10, 2001, office action, please amend the above-identified application as follows:

In the Claims:

Please add new claims 39-53 as follows:

39. In a method for making a non-porous body of high purity fused silica glass comprising the steps of:

- (a) producing a gas stream containing a silicon-containing compound in vapor form capable of being converted through thermal decomposition with oxidation or flame hydrolysis to SiO<sub>2</sub>;
- (b) passing said gas stream into the flame of a combustion burner to form amorphous particles of fused SiO<sub>2</sub>;
- (c) depositing said amorphous particles onto a support; and